

CLAIM AMENDMENTS

IN THE CLAIMS

This listing of the claims will replace all prior versions, and listing, of claims in the application or previous response to office action:

1. **(Currently Amended)** A system for monitoring assets and personnel associated with a business enterprise, comprising:

a materials tagging subsystem comprising: RFID tags placed on items of property, mobile scanners for querying the tags and receiving tag data, a materials database for storing tag materials data, and remote materials programming for collecting tag the materials data, wherein the mobile scanners are in wireless data communication with the materials programming;

a tools tagging subsystem having: RFID tags placed on items of property, portal scanners for querying the tags and receiving tag data at a portal, a tools database for storing tag tool data, and remote tools programming for collecting tag the tool data, wherein the portal scanners are in data communication with the tools programming;

a personnel tracking subsystem having: geolocation personnel tracking devices carried by personnel, stationary access points for wirelessly communicating with the tracking devices, a personnel database for storing tracking personnel data, and remote personnel programming for collecting tracking the personnel data, wherein the stationary access points are in data communication with the personnel programming;

wherein the personnel tracking devices are operable to read RFID tags on tools or materials;

wherein each personnel tracking device has at least one sensor for monitoring at least one physiological condition of the personnel, at least one of the physiological conditions being selected from the group: temperature, movement, or breathing; and

a command and control subsystem for integrating the materials programming and database, the tools programming and database, and the personnel programming and database;

wherein the command and control subsystem has at least one monitoring station for receiving RFID data from the materials tagging subsystem, the tools tagging subsystem, and the personnel tracking subsystem;

wherein the command and control system is operable to associate a specified personnel with at least one tool, a location, and a physiological status by receiving data from a personnel tracking device carried by that personnel; and

wherein the command and control system is further operable to activate an alert process based on sensor data from a personnel tracking device.

2. (Previously Presented) The system of Claim 1, wherein the command and control programming communicates with the programming of at least one of the other subsystems using IP protocol.

3. (Cancelled)

4. (Original) The system of Claim 1, wherein the personnel tracking subsystem is implemented as a wireless ad hoc network.

5. (Original) The system of Claim 1, further comprising a maps database, and wherein the command and control subsystem is operable to access the maps database and display locations of materials based on input from the materials tagging subsystem.

6. (Original) The system of Claim 5, wherein materials are displayed as clickable icons on the map, such that clicking an icon results in a display of additional data about a material.

7. (Original) The system of Claim 1, further comprising a maps database, and wherein the command and control subsystem is operable to access the maps database and display locations of tools based on input from the tools tagging subsystem.

8. (Original) The system of Claim 7, wherein tools are displayed as clickable icons on the map, such that clicking an icon results in a display of additional data about a tool.

9. (Cancelled)

10. (Original) The system of Claim 1, further comprising an actuator subsystem having at least one actuator operable in response to communications from the command and control subsystem in response to input from a personnel tracking device.

11. (Original) The system of Claim 1, wherein the personnel tracking devices incorporate at least a two way communications device.

12. (Original) The system of Claim 1, wherein the command and control programming communicates with programming of at least one of the other subsystems using a wireless communications protocol.

13. (Currently Amended) The system of Claim 1, wherein the tool ~~tracking~~ tagging subsystem communicates the location and ID of a tool to the command and control subsystem.

14. (Cancelled)

15. (Original) The system of Claim 1, wherein the stationary access points are in communication with the personnel programming by means of a LAN.

16-17. (Cancelled)

18. **(Currently Amended)** A system for monitoring assets and personnel associated with a business enterprise, comprising:

a tools tagging subsystem having: RFID tags placed on items of property, portal scanners for querying the tags and receiving tag data at a portal, a tools database for storing tag tool data, and remote tools programming for collecting tag the tool data, wherein the portal scanners are in data communication with the tools programming;

a personnel tracking subsystem having: geolocation personnel tracking devices carried by personnel, stationary access points for wirelessly communicating with the tracking devices, a personnel database for storing tracking personnel data, and remote personnel programming for collecting tracking the personnel data, wherein the stationary access points are in data communication with the personnel programming;

wherein the personnel tracking devices are operable to read RFID tags on tools or materials;

wherein each personnel tracking device has at least one sensor for monitoring a physiological feature of the personnel, at least one of the physiological features being selected from the group: temperature, movement, or breathing;~~and~~

a command and control subsystem for integrating the materials programming and database, the tools programming and database, and the personnel programming and database;

wherein the command and control subsystem has at least one monitoring station for receiving RFID data from the tools tagging subsystem and the personnel tracking subsystem;

wherein the command and control system is operable to associate a specified personnel with at least one tool, a location, and a physiological status by receiving data from a personnel tracking device carried by that personnel; and

wherein the command and control system is further operable to activate an alert process based on sensor data from a personnel tracking device.

19. **(New)** The system of Claim 1, wherein the materials tagging subsystem is operable to alert the command and control subsystem when a tagged item of material crosses a specified perimeter.

20. (New) The system of Claim 18, wherein the command and control programming communicates with the programming of at least one of the other subsystems using IP protocol.

21. (New) The system of Claim 18, wherein the personnel tracking subsystem is implemented as a wireless ad hoc network.

22. (New) The system of Claim 18, further comprising a maps database, and wherein the command and control subsystem is operable to access the maps database and display locations of tools based on input from the tools tagging subsystem.

23. (New) The system of Claim 18, wherein tools are displayed as clickable icons on the map, such that clicking an icon results in a display of additional data about a tool.

24. (New) The system of Claim 18, further comprising an actuator subsystem having at least one actuator operable in response to communications from the command and control subsystem in response to input from a personnel tracking device.

25. (New) The system of Claim 18, wherein the personnel tracking devices incorporate at least a two way communications device.

26. (New) The system of Claim 18, wherein the command and control programming communicates with programming of at least one of the other subsystems using a wireless communications protocol.

27. (New) The system of Claim 18, wherein the tool tagging subsystem communicates the location and ID of a tool to the command and control subsystem.

28. (New) The system of Claim 18, wherein the stationary access points are in communication with the personnel programming by means of a LAN.